

# RCAP Implementation Workshop: Electric Vehicles

## Municipal EV Ordinance Development and Implementation

City of Hollywood

September 19, 2019



# EV Ordinance History in Hollywood



# Hollywood's EV Ordinance

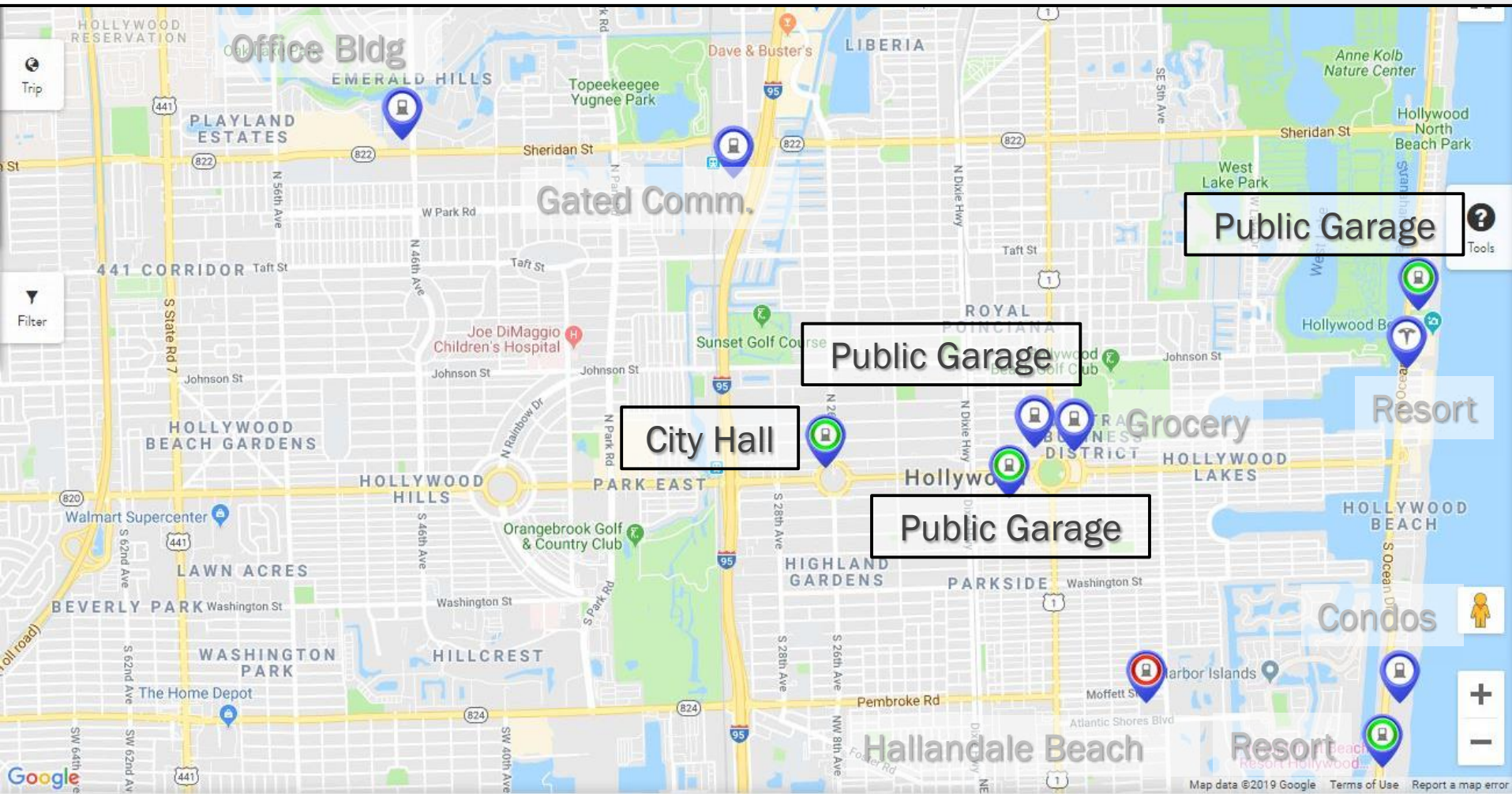
## § 151.154 INSTALLATION OF ELECTRIC VEHICLE-CHARGING INFRASTRUCTURE REQUIRED.

The city shall require each person or entity desiring to construct a new commercial or residential structure to construct the infrastructure necessary for future installation of an electric vehicle charging station within be included in such project.

Minimally, the following shall be installed: an empty three-quarter-inch raceway from the branch circuit panel board to a location in the garage or a designated parking area, with a two-gang junction box with a blank plate; or a fully functional electric vehicle-charging station.

(Ord. O-2011-06, passed 2-16-11; Am. Ord. O2016-02, passed 1-20-16)

# EV Charging Stations in Hollywood





# EV Charging Stations in Hollywood



City Hall



# EV Charging Stations in Hollywood

## City Hall





# EV Charging Stations in Hollywood

## City Hall

### EV Charging Etiquette

1. Please respect the need for EV and PHEV to plug in, by maintaining availability of this designated space for their use.
2. Users, please be courteous and move charged vehicle to make space available for others in need. Please do not leave vehicle for more than four hours.
3. Please properly hang cord after each use.
4. Place cord safely to avoid a tripping hazard.



# EV Charging Stations in Hollywood



EV Charging at City Hall is FREE!

Chargers from Blink provided for free



# EV Charging Stations in Hollywood

- City operates 5 Level 2 charging stations
- 9 or more in 2020  
*(New public garage with 4 charge ports coming soon!)*
- \$0.39/kWh at 3 public garages
- Average cost to Blink Members = \$2.40/hr for
- Non-members = \$3.60
- 30 miles of charge/hr



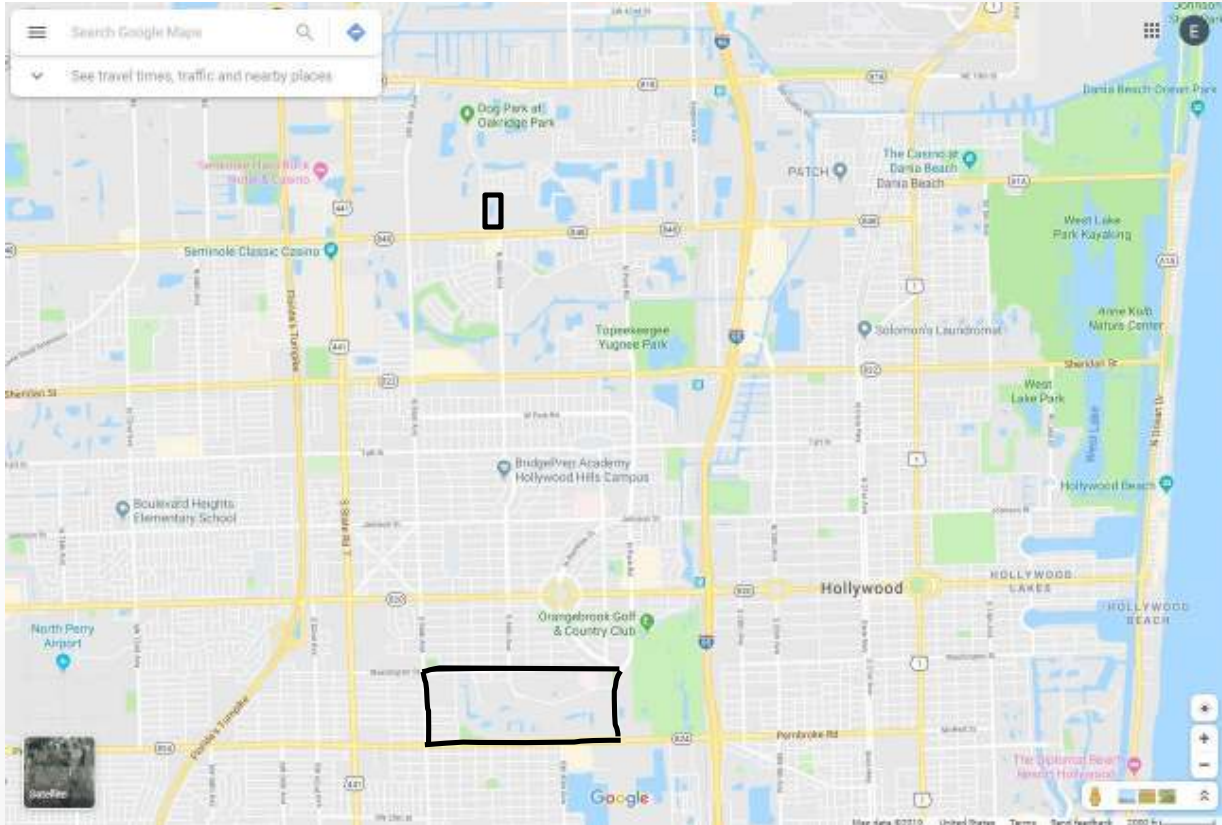
# EV Charging Stations in Hollywood

	Total kWh			
	2016	2017	2018	2019
City Hall	908	4099.13	2298.09	3147.76
Garfield Garage	45.1	1,136.27	2,000.22	1,276.73
Radius Garage	132	2,665.62	2,898.90	716.41
Van Buren Garage	0	0	0	85.15
TOTAL	1085	7901.02	7197.21	5226.05

- 5,606 EV's registered in Broward County as of June 30, 2019
- 47,533 EV's registered in Florida



# EV Charging Infrastructure in Hollywood



Hillcrest housing  
development

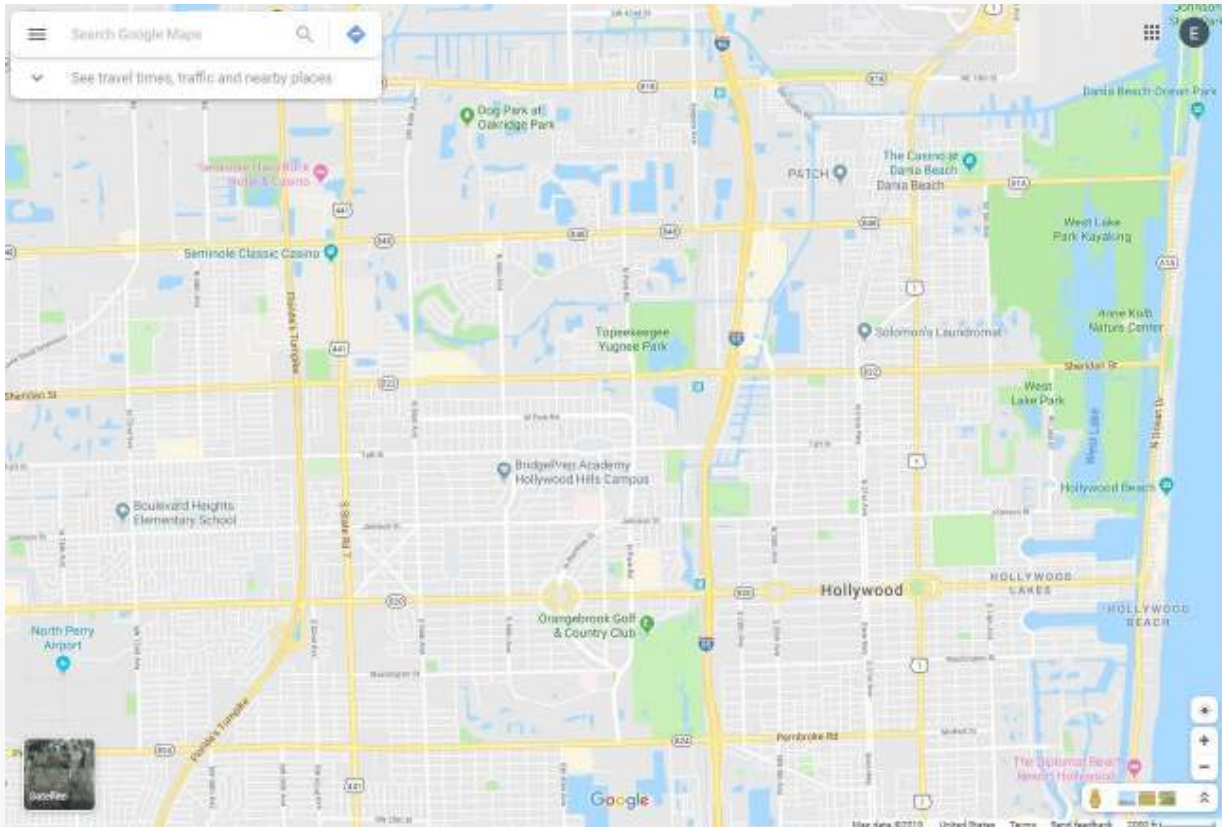
- 645 units

The Preserve  
*Development  
approved before  
ordinance*

- 117 units –  
voluntary



# EV Charging Infrastructure in Hollywood



- 10 units on Ocean Drive
- Single family home
- Small apartment building

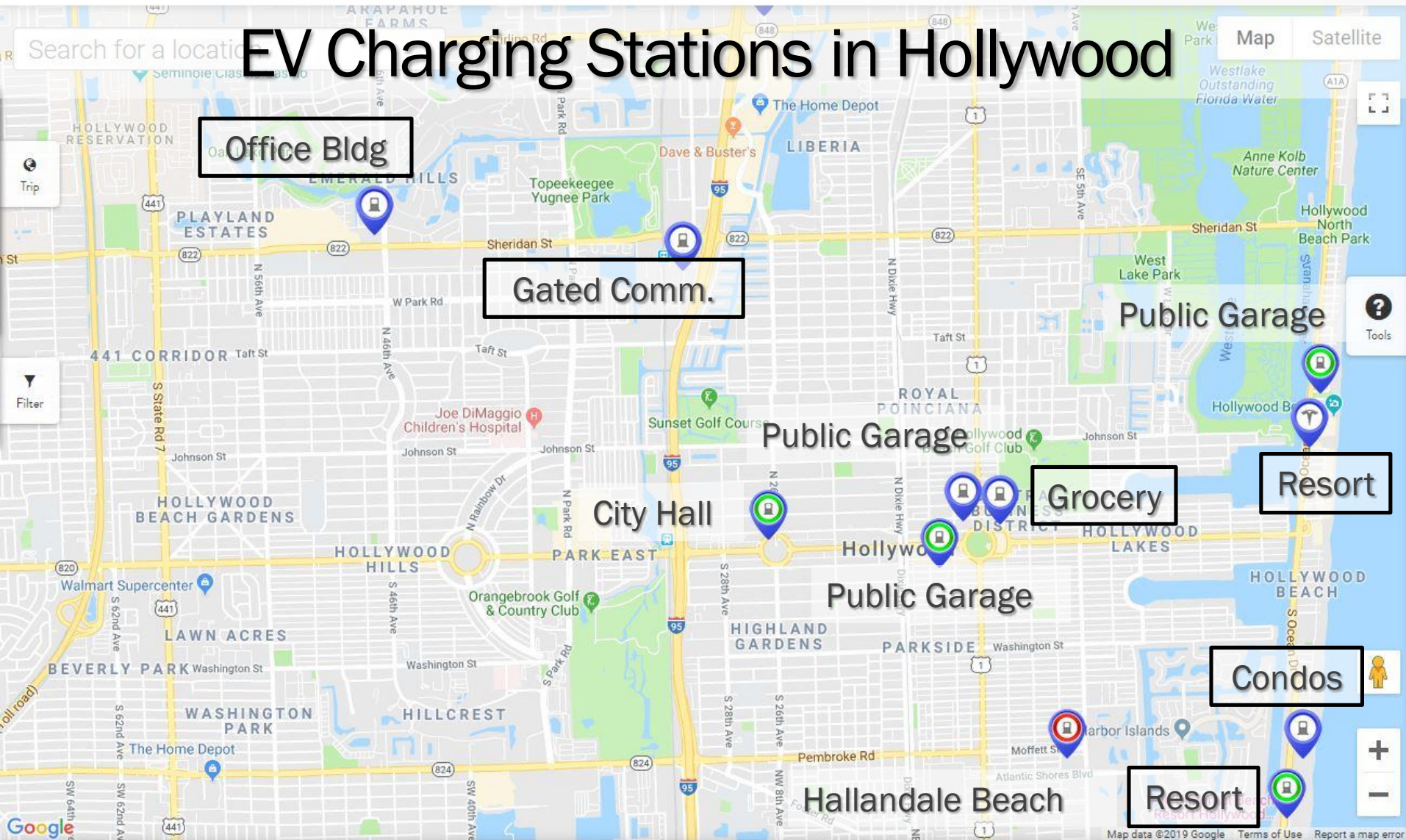
# EV Charging Infrastructure in Hollywood



22 approved projects in process since 2016



# EV Charging Stations in Hollywood





# Thank You

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